

The Bee Informed Partnership - Our Mission





- Improve colony health
- Support beekeepers
- Largest US repository for colony health data
- Bridge between science and industry



















How we do what we do





National Loss & Management Surveys

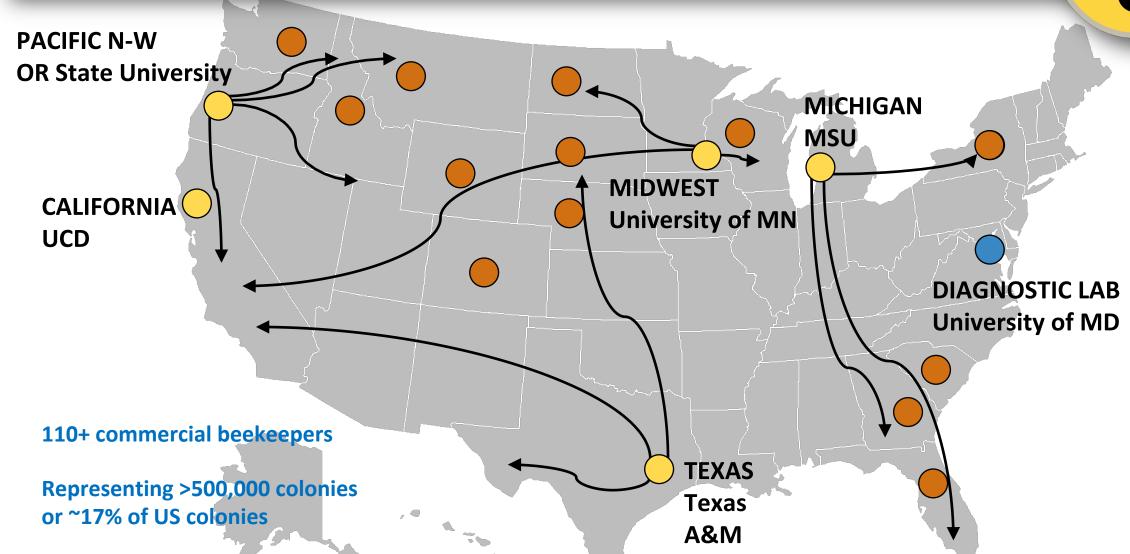


IT Products



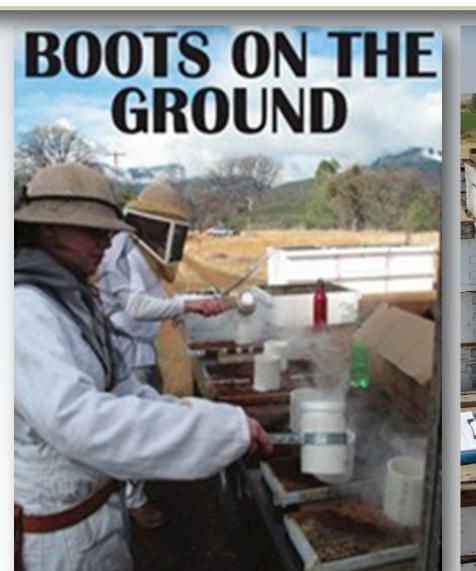
Tech Transfer Teams





Tech Transfer Team Professionals

- Colony inspection
- Diagnostics and Consulting
- Disease monitoring
- Hygienic testing
- Research trials
- Emergency visits





Colony Inspection/Evaluation



- Colony Configuration
- Queen Status
- Frames of Bees
- Weight
- Brood Pattern
- Varroa/Nosema
- Other diseases & pests



Varroa destructor Alcohol Wash







Real Time Reporting



Unique ID Code for All Beekeepers



Tech-Team Inspection Report

Bee Informed Partnership: BeeInformed.org



Your Beekeeper ID Code = XX-MD

Samples collected between 2/17/2013 - 2/18/2013

Yard Name	Varroa Average Mites/ 100 Bees	Varroa Minimum - Maximum	Nosema Average Millions of Spores / Bee	Nosema Minimum - Maximum	Frames of Bees Average	Frames of Bees Minimum - Maximum	
Yard 1	0.1	0 - 0.5	3.6	1.1 - 6.8	9	5.5 - 12	
Yard 2	1.2	0 - 6.1	2.4	0.5 - 5.9	7.5	3 - 11.5	

See Data by Yard

Observations per colony, including previous records on the same colony

	I				-	-	-		1	1		I
Sample Date	Yard	Hive #	Colony	Hive	Quee	Fram	Broo	Weight	Disease	#	Millions of	Notes
			Type	Body	n	es of	d			Mites/	Spores /	
						Bees	Patter			100Be	Bee	
					6		n			es		
					3						_	
6/14/2012	Yard 1	1645	Field	1D,	QS	10	3			0	0	1 Strip Added
8/26/2012	Yard 1	1645	Field	1D,	QS	8	2			0.3	0.1	
10/15/2012	Yard 1	1645	Field	1D,	QS	5	3			0	0.6	
2/18/2013	Yard 2	1645	Field	1D,	QS	3.5	2.5		Varroa, .	3	0.9	Most of Pollen Patty Left
6/14/2012	Yard 1	1646	Field	1D,	QS	13	3		CB, .	0.3	0.2	
8/26/2012	Yard 1	1646	Field	1D,	QR	12	4			3	0.1	
10/15/2012	Yard 1	1646	Field	1D,	QR	8.5	3.5			0.3	0	
2/18/2013	Yard 2	1646	Field	1D,	QS	4.5	3			2.4	3.3	No Eggs, Little Brood
6/14/2012	Yard 1	1647	Field	1D,	QS	15	4.5			0	0.2	Package Added
8/26/2012	Yard 1	1647	Field	1D,	QR	15	4.5			2.6	0.1	
10/15/2012	Yard 1	1647	Field	1D,	QR	9	4			0	1	
2/18/2013	Yard 2	1647	Field	1D,	QR	9	4	-		0	4.3	
6/14/2012	Yard 1	1648	Field	1D,	QR	18	4.5			0	0.2	Essential Oil Patty

6/14/2012 Yard 1 1648

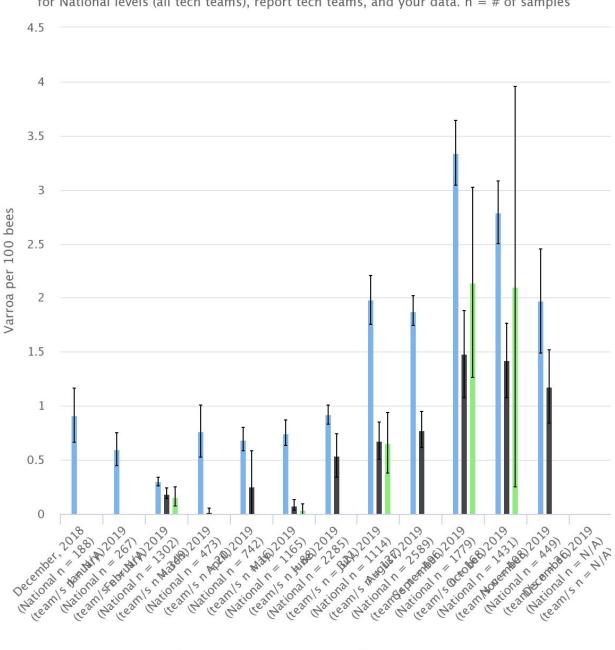
Highlighted Areas Compare

New Data with Old

Red Numbers Indicate a Need for Action

Varroa Levels, Average per Month for Past Year

for National levels (all tech teams), report tech teams, and your data. n = # of samples



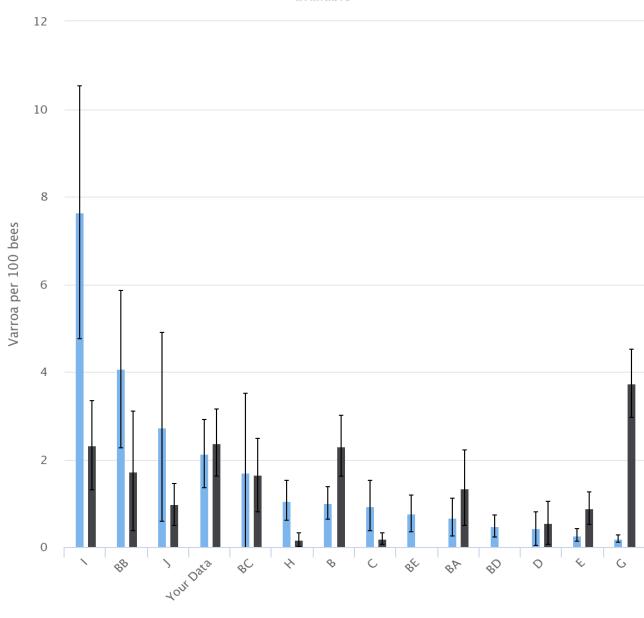
Oregon

Your Data

National

Varroa Levels, Average per Beekeeper

comparing the Current report period to the same time period last year (Previous), when available

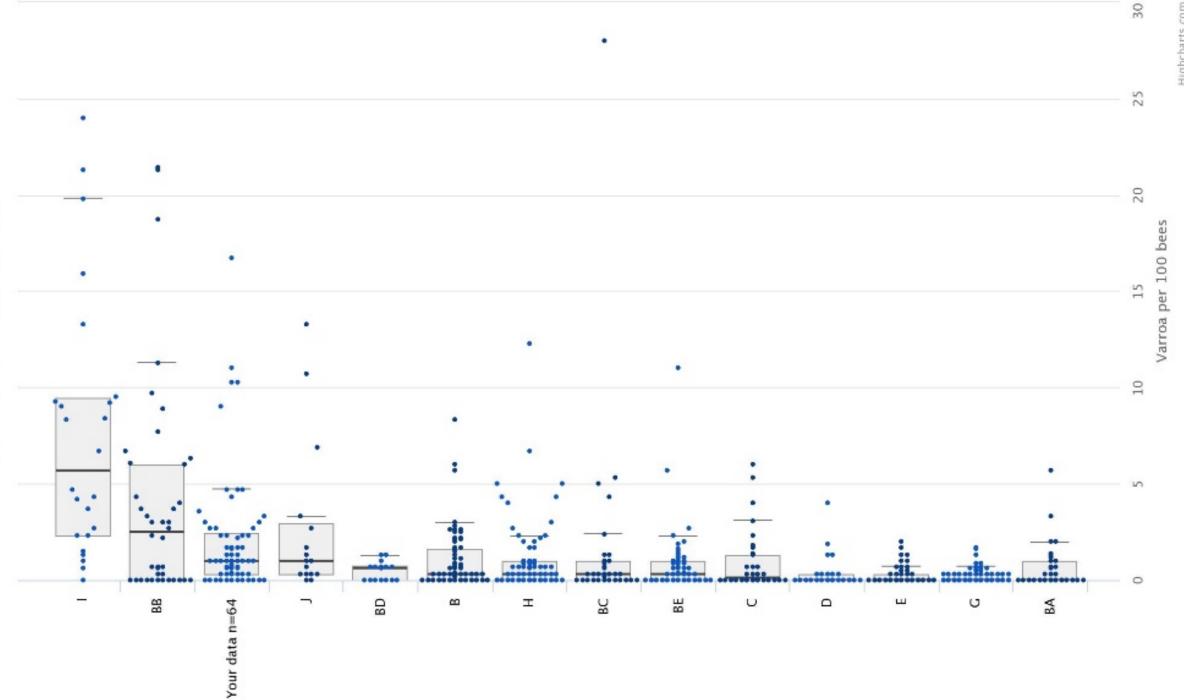


Current

Previous

Scatter Plot Varroa Levels

Sept. 1, 2019 - Dec. 4, 2019 chart axis limited to 30 mites per 100 bees



2019 Recap



- Difficult start to almond pollination
- Lower mite loads most of year
- Higher Nosema spore counts
- EFB and chalkbrood very prevalent
- Poor brood patterns/brood issues
- Honey crop variable

Almond Pollination

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- Cold, rainy weather
- Late bloom=slow brood buildup
- Bees dwindled for much of Jan/Feb
- EFB/Chalk widespread







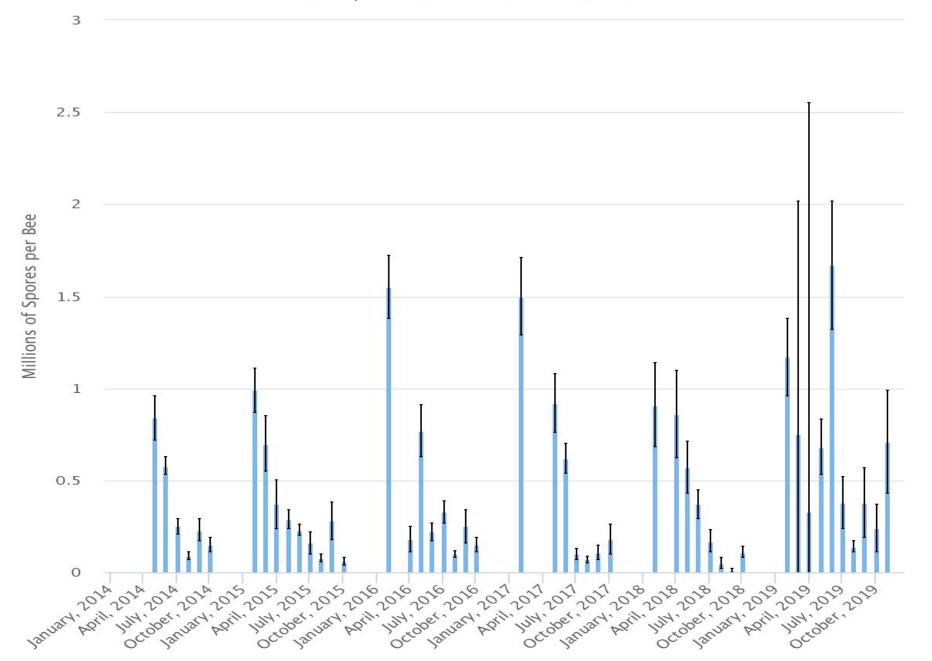






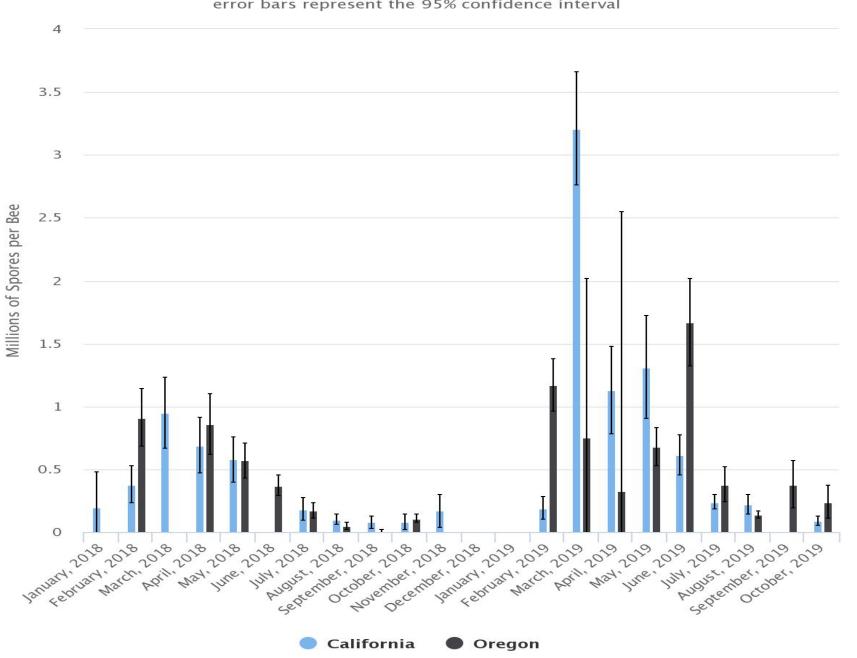
Nosema Levels, Average per Month for Past Year

error bars represent the 95% confidence interval



Nosema Levels, Average per Month for Past Year

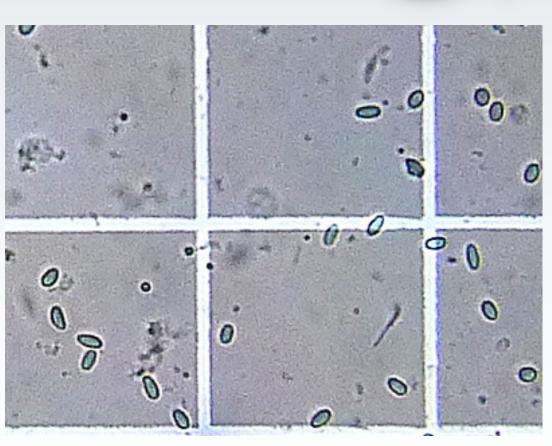
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Nosema

- High spore counts throughout year
- Posible causes:
 - Stress
 - Wet weather
 - Old bees in samples
 - Brood diseases
 - Fungicide exposure
 - Lack of treatment options



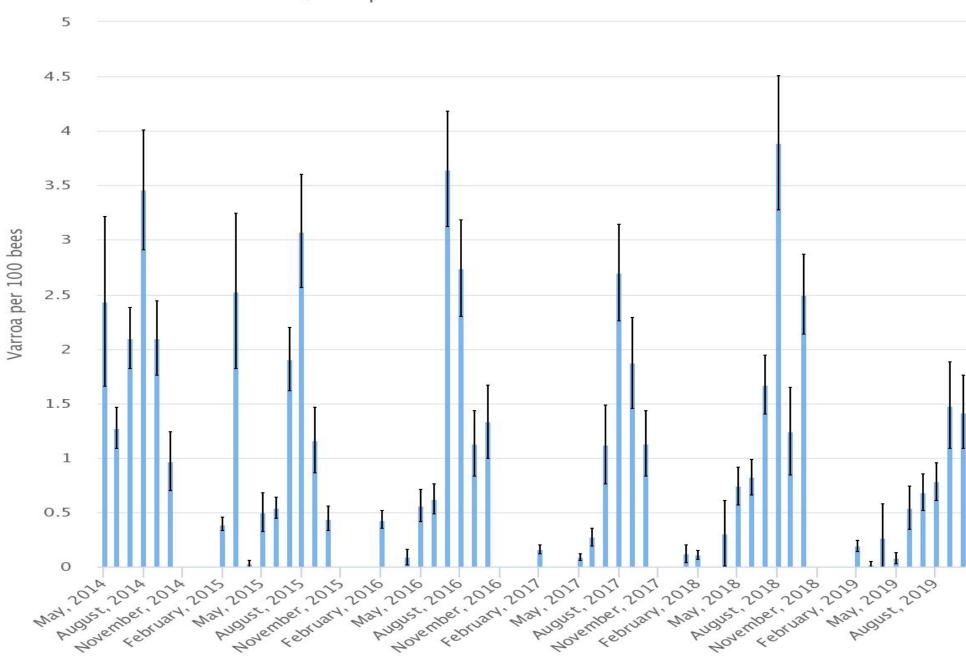






Varroa Levels, Average per Month for Past Year

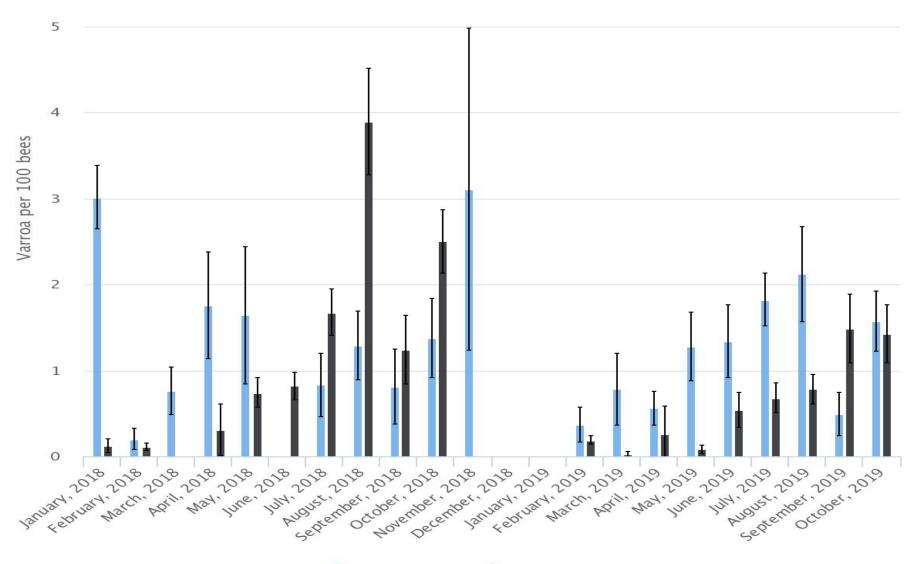
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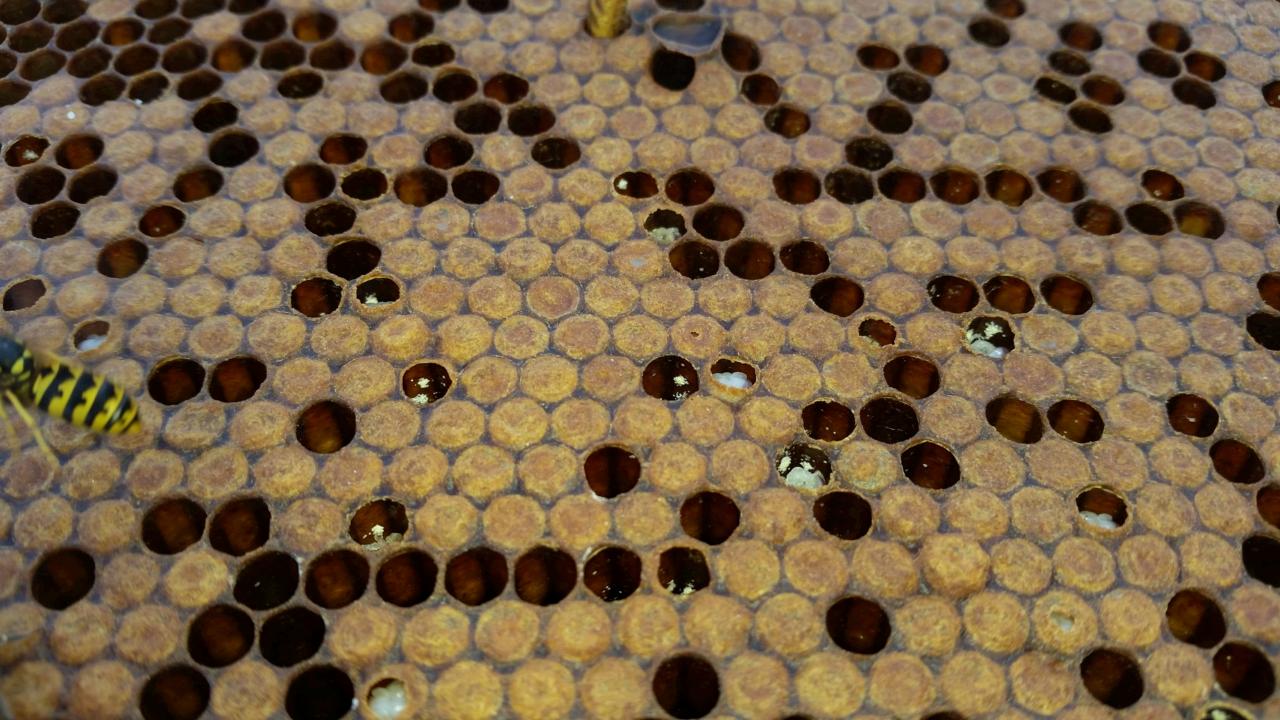


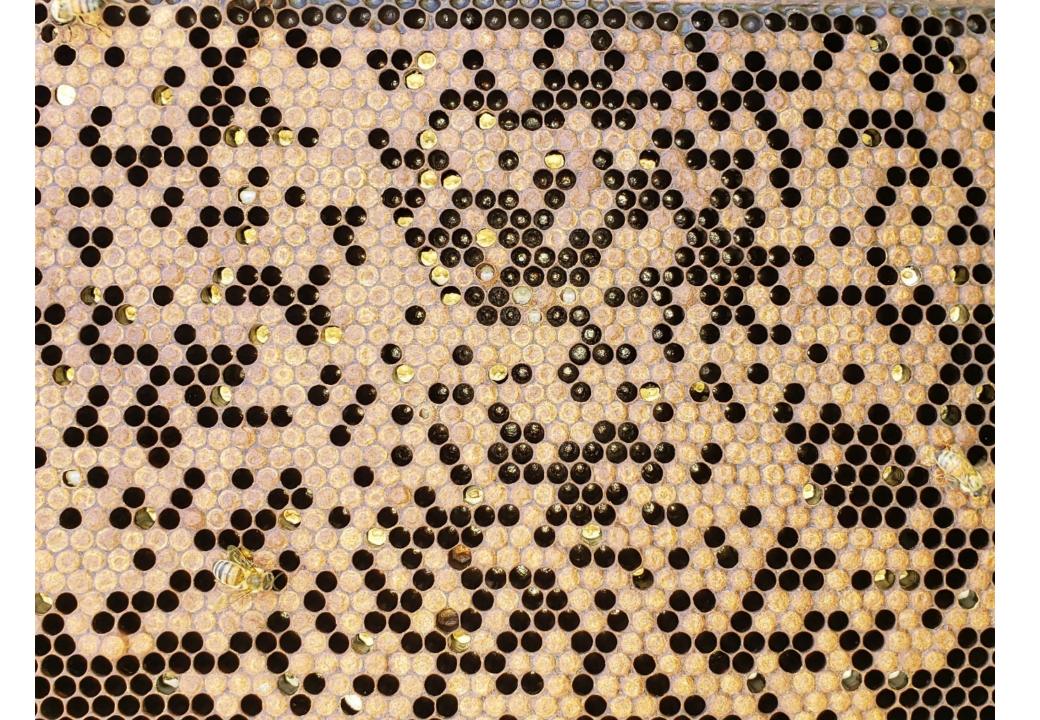
Varroa Levels, Average per Month for Past Year

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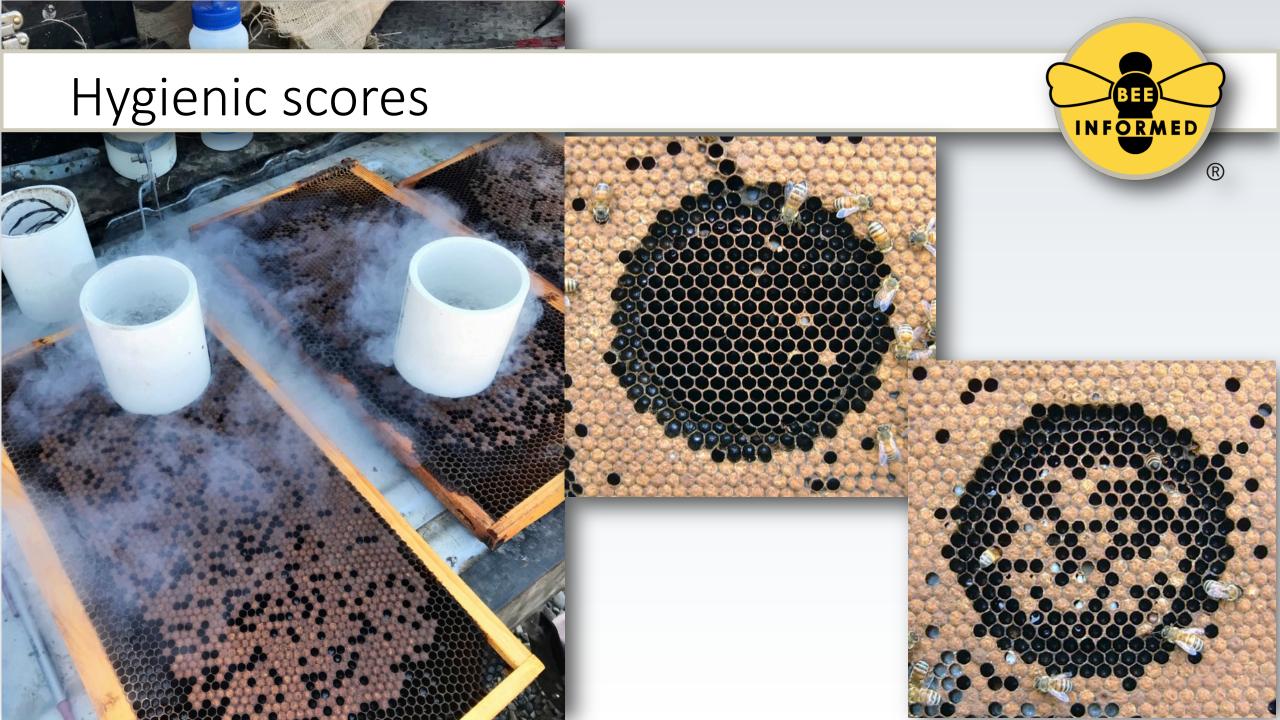








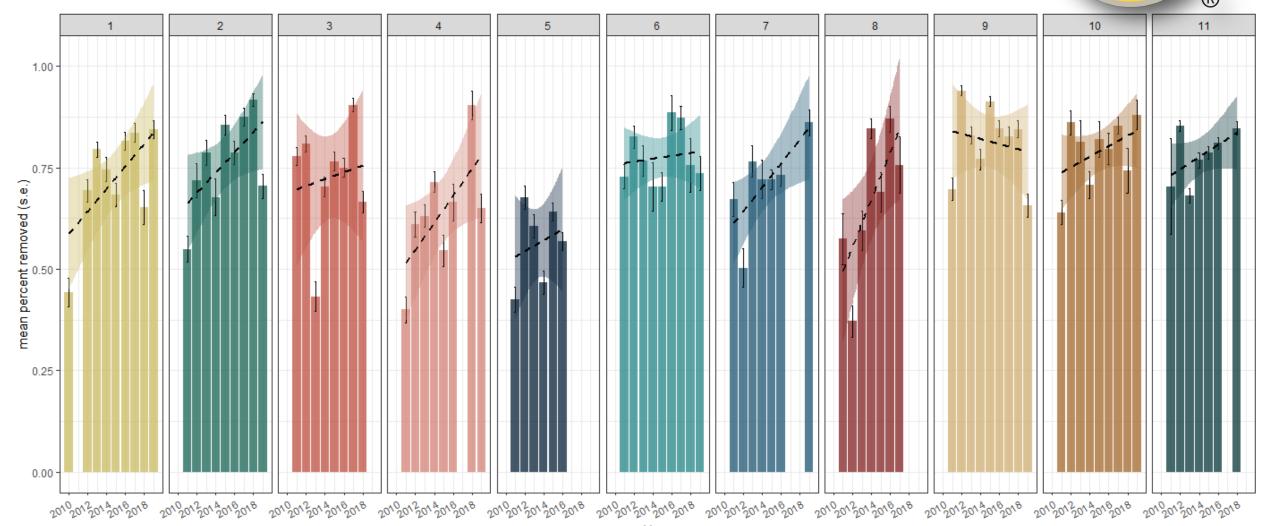




Hygienic scores

11 beekeepers4,145 observations







Protein Feeding









https://bip2.beeinformed.org/

BEE

- Colony Loss Map
- Management Survey
- Hive Monitors
- Sentinel Apiaries Map
- MiteCheck
- Bee Your Best Survey
- Virus Map
- APHIS State Reports

Open Research Bee Informed Partnership

About This Site

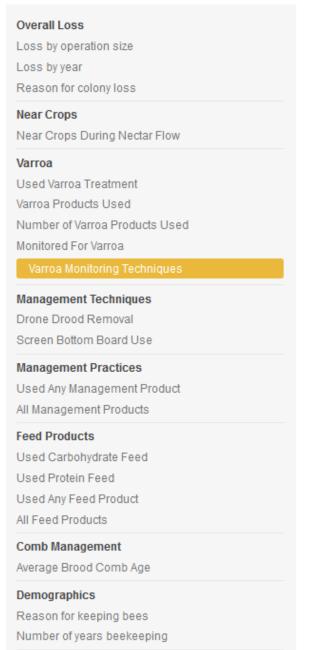
The Bee Informed Partnership provides many important services to beekeepers, researchers, and the general public. This site is a platform for publishing useful tools that are open and free for all to use.

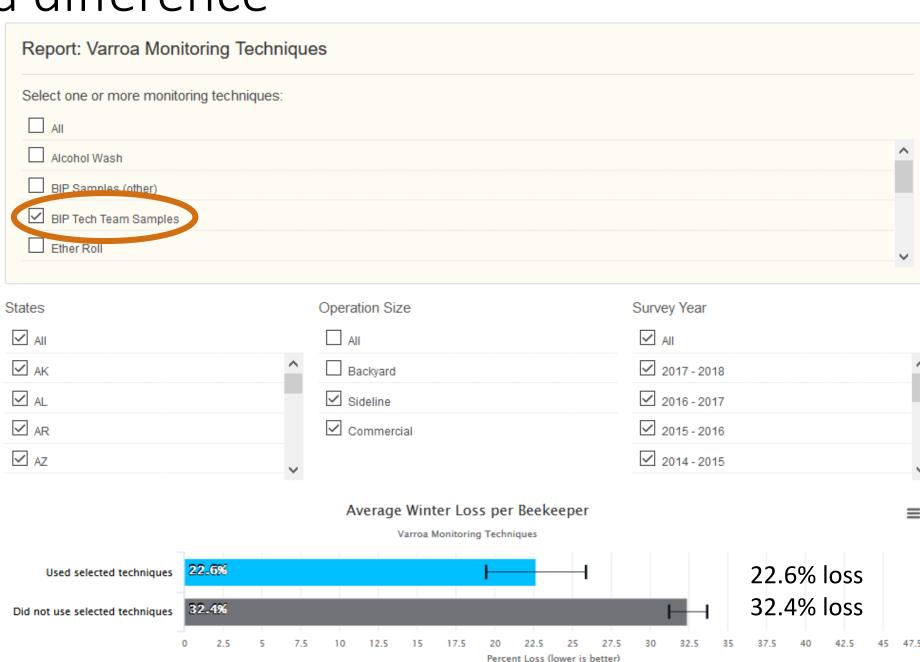
We also have a * blog site where we frequently publish our research findings, important news, and fun beekeeping info.

Feel free to browse our awesome interactive tools below ☺

Interactive map that displays nearly a decade of colony loss for each state as reported by the National Management Survey.

We make a difference





Thank you to our sponsors and collaborators:























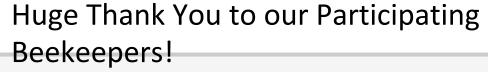














Be Included. Be Involved. Bee Informed.

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